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In re Application of:

Ishikawa, et al.

Serial No.: 09/912,112

Confirmation No.: Unknown

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July 23, 2001

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Examiner:

UNITED STATES PATENT AND TRADEMARK OFFICE

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**Assistant Commissioner for Patents** Washington, D.C. 20231

Dear Sir:

CERTIFICATE OF MAILING 37 CFR 1.8

I hereby certify that this correspondence is being deposited on September 10\_, 2001 with the United States Postal Service as First Class Mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231

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## INFORMATION DISCLOSURE STATEMENT

The Applicants, and the Attorney who signs below on the basis of the information supplied by the inventor and the information in his file, submit herewith patents, publications, or other information of which they are aware, which may be material to the examination of this application and in respect of which there may be a duty to disclose in accordance with 37 CFR § 1.56.

While the information submitted in this Information Disclosure Statement may be material pursuant to 37 CFR § 1.56, it is not intended to constitute an admission that any patent, publication, or other information referred to therein is prior art for this invention unless specifically designated as such.

In accordance with 37 CFR § 1.97, this Information Disclosure Statement is not to be construed as a representation that a search has been made or that no other possibly material information as defined under 37 CFR § 1.56(a) exists.

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The patents and/or publications submitted herewith are set forth on the attached Form PTO-1449.

Applicant does not believe a fee is necessary, but if the fee of \$180.00 is due under 37 CFR § 1.17(p) pursuant to § 1.97, the Commissioner is hereby authorized to charge this fee, and any other fee necessary to make this submission timely, to the Deposit Account No. 20-0782/APPM/1570.C1/BTP.

Respectfully submitted,

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E:/APPM/1570.C1/PTO/IDS.TRANS.082201

្សេ of 5 sheet(s) Docket No. Seriál No. U.S. Department of Commerce, Patent and Trademark Office APPM/1570.64 (PTO Form 144 Spragdified) LIST OF PAYENTS ARE PUBLICATIONS CITED BY APPLICANT **Applicant** Confirmation Ishikawa, et al. No.: SEP 1 7 2001 (Use several sheets if nedessary) Filing Date Group Examiner Unknown July 23, 2001 Unknown **U.S. Patent Documents** Document Issue Applicant(s) Class Subclass Filing Date If \*Examiner Name **Appropriate** Initial Number Date 6,189,483 02/20/2001 118 723 E 05/29/1997 **A1** Ishikawa, et al. 6,182,602 A2 02/-6/2001 Redeker, et al. 118 723 R 05/29/1997 6,178,918 723 R 01/30/2001 Van Os, et al. 118 06/05/1998 **A3** 6,170,428 **A4** 01/09/2001 Redeker, et al. 118 723 I 07/15/1996 6,109,206 723 IR 08/29/2000 Maydan, et al. 118 05/29/1997 A5 6,083,344 345 **A6** 07/04/2000 Hanawa, et al. 156 05/29/1997 6,077,357 728 **A7** 06/20/2000 Rossman, et al. 118 05/29/1997 5,994,662 11/30/1999 Murugesh 219 121.43 05/29/1997 **A8** 5,865,896 118 7231 12/16/1996 **A9** 02/02/1999 Nowak, et al. 5,792,272 Van Os, et al. 118 723 IR 08/12/1997 A10 08/11/1998 5,707,692 562 427 A11 01/13/1998 Suzuki 10/11/1994 5,681,418 A12 10/28/1997 Ishimaru 156 345 08/30/1995 5,626,679 A13 05/06/1997 Shimizu, et al. 118 723 MR 01/25/1995 **Foreign Patent Documents** \*Examiner Document Date Country Class Subclass **Translation** Number Initial YES NO 0 660 499 A1 06/28/1995 ΕP П H02N 13/00 **B1** 08/23/1995 0 668 608 A1 EP **B2** H01L 21/00 0 697 467 A1 02/21/1996 **B3** EP **C23C** 16/44 09/28/1972 2.171.877 FR C23C 11/00 Ø **B4 OTHER ART** Including Author, Title, Date, Pertinent Pages, Etc. \*Examiner Initial C<sub>1</sub> USSN 08/865,267, dated May 29, 1997 C2 USSN 08/712,724, dated September 11, 1996 **Date Considered** Examiner \*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through

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Docket No. Serial No. U.S. Department of Commerce, Patent and Trademark Office APPM/1570.C10 09/912,112 (PTO Form 1449 modified) LIST OF PATENTS AND PUBLICATIONS CITED BY APPLICANT Confirmation Applicant / Ishikawa, et a No.: SEP 1 7 2001 Filing Date (Use several sheets if necessary) Group Examiner. Unknown July 23, 2001 Unknown **U.S. Patent Documents** Document Issue Applicant(s) Class Subclass Filing Date If \*Examiner **Appropriate** Initial Number Date Name 5,522,937 06/04/937 Chew, et al. 118 728 05/03/1994 A25 5,449,432 A26 09/12/1995 Hanawa 156 643.1 10/25/1993 5,401,350 156 345 03/08/1993 A27 03/28/1995 Patrick, et al. 5,389,154 A28 Hiroshi, et al. 118 723 MR 06/24/1993 02/14/1995 5,378,311 01/03/1995 Nagayama, et al. 156 643 11/24/1993 A29 5,376,628 A30 12/27/1994 Sekiguchi, et al. 505 480 03/09/1992 5,365,057 214 VT A31 11/15/1994 Morley, et al. 250 07/02/1993 5,330,610 07/19/1994 Eres, et al. 117 86 05/28/1993 A32 5,314,845 437 238 02/02/1990 Lee, et al. A33 05/24/1994 5,310,452 643 07/20/1992 A34 05/10/1994 Doki, et al. 156 5,234,529 08/10/1993 156 345 10/10/1991 A35 Johnson 5,223,457 Mintz, et al. 437 225 10/11/1991 A36 06/29/1993 5,200,232 12/11/1990 A37 04/06/1993 Tappan, et al. 427 569 **Foreign Patent Documents** Country Class **Subclass Translation** \*Examiner Document Date Initial Number **YES** NO 63-292,625 (Abst) JP H01L 21/302  $\boxtimes$ 11/29/1988 **B9** 01-276736 (Abst)  $\boxtimes$ JP H01L 21/68 07/11/1989 **B10** 02-271626 (Abst)  $\boxtimes$ JP H01L 21/31 06/11/1990 **B11** 97/03224 C23C 16/00 **B12** 01/30/1997 WO OTHER ART \*Examiner Including Author, Title, Date, Pertinent Pages, Etc. Initial **Date Considered** Examiner \*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through

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Sheet 3 of 5 sheet(s)

Sheet, 4 of 5 sheet(s)

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feet 5 of 5 sheet(s) U.S. Department of Commerce, Patent and Trademark Office Docket No. Serial No. (PTO Form 1449 mpdified) APPM/1576 LIST OF PATENTS AND CUBLICATIONS CITED BY APPLICANT **Applicant** Ishikawa, et al. No.: SEP 1 7 2001 (Use several speets if negessary) Filing Date Group PARTINET . Unknown July 23, 2001 Unknown **U.S. Patent Documents Document** Issue Applicant(s) Class **Subclass** Filing Date If \*Examiner Number Name **Appropriate** Initial Date 4,828,369 05/09/1989 Hotomi 350 357 05/27/1987 A51 4,798,165 715 01/17/1989 DeBoer, et al. 118 01/25/1988 A52 4,795,529 A53 01/03/1989 Kawasaki, et al. 156 643 10/19/1987 4,771,730 A54 09/20/1988 Tezuka, et al. 118 723 09/09/1987 4,724,621 A55 02/16/1988 Hobson, et al. 34 218 04/17/1986 4,565,601 11/28/1984 643 A56 01/21/1986 Kakehi, et al. 156 4,558,388 **A57** 12/10/1985 Graves, Jr., et 360 135 11/02/1983 4,512,283 723 04/23/1985 Bonifield, et al. 118 11/04/1983 A58 3,656,454 118 49 11/23/1970 A59 04/18/1972 Schrader **Foreign Patent Documents** \*Examiner Document Date Country Class **Subclass** Translation Initial Number YES NO **OTHER ART** \*Examiner Including Author, Title, Date, Pertinent Pages, Etc. Initial **Date Considered** Examiner \*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through

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